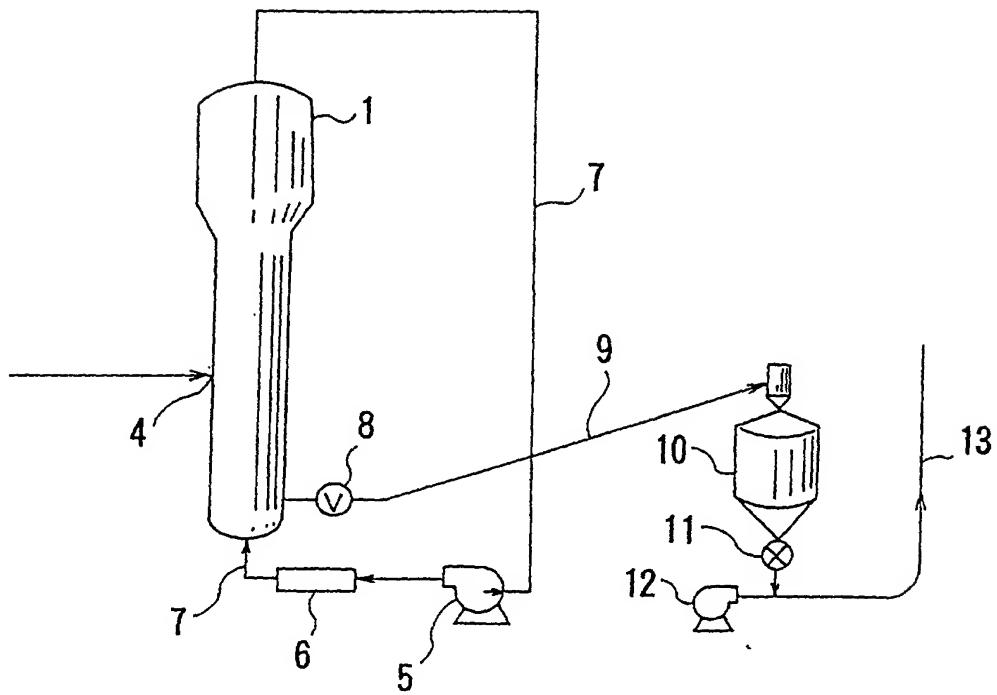


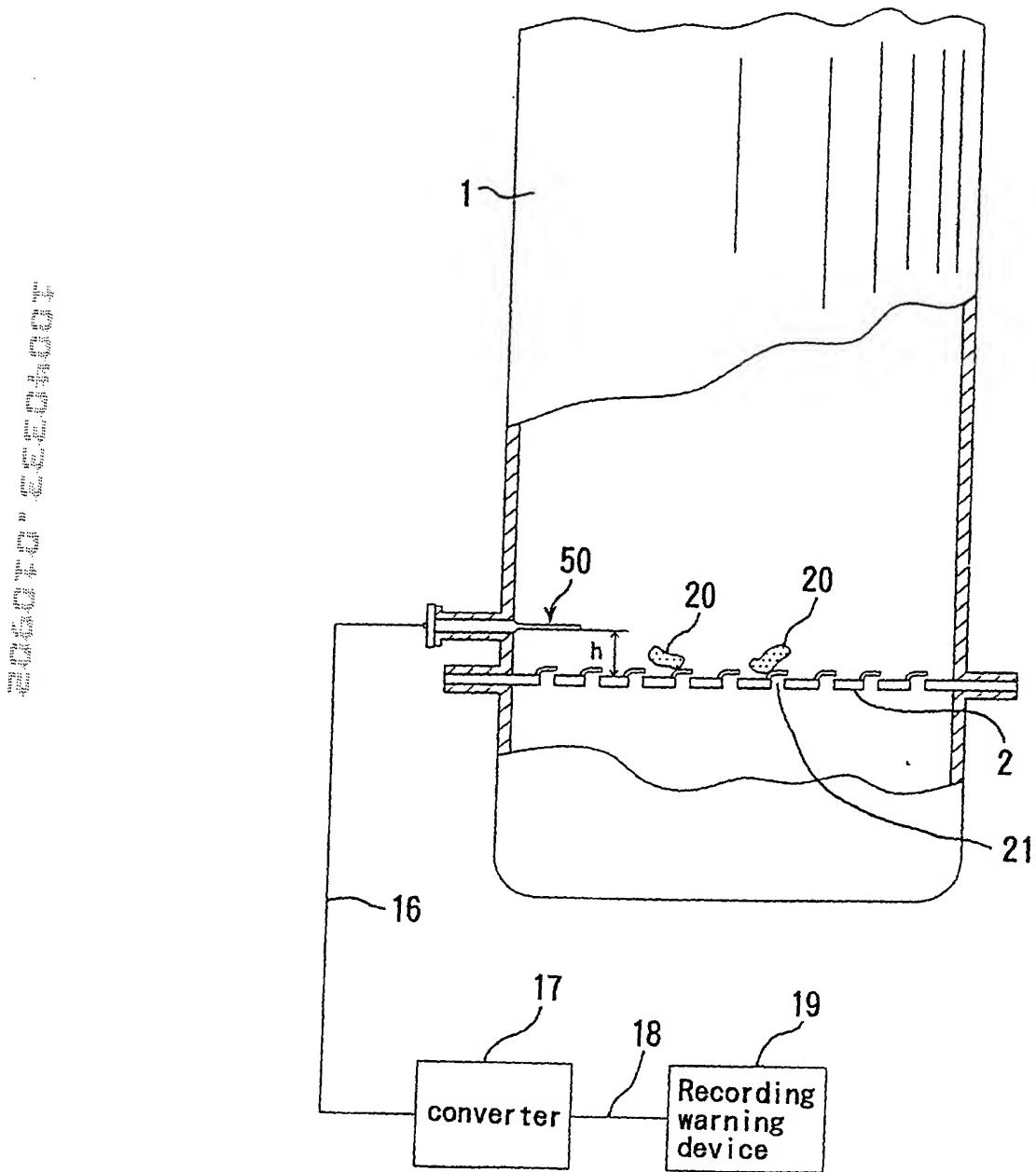
1/11

F / G. 1



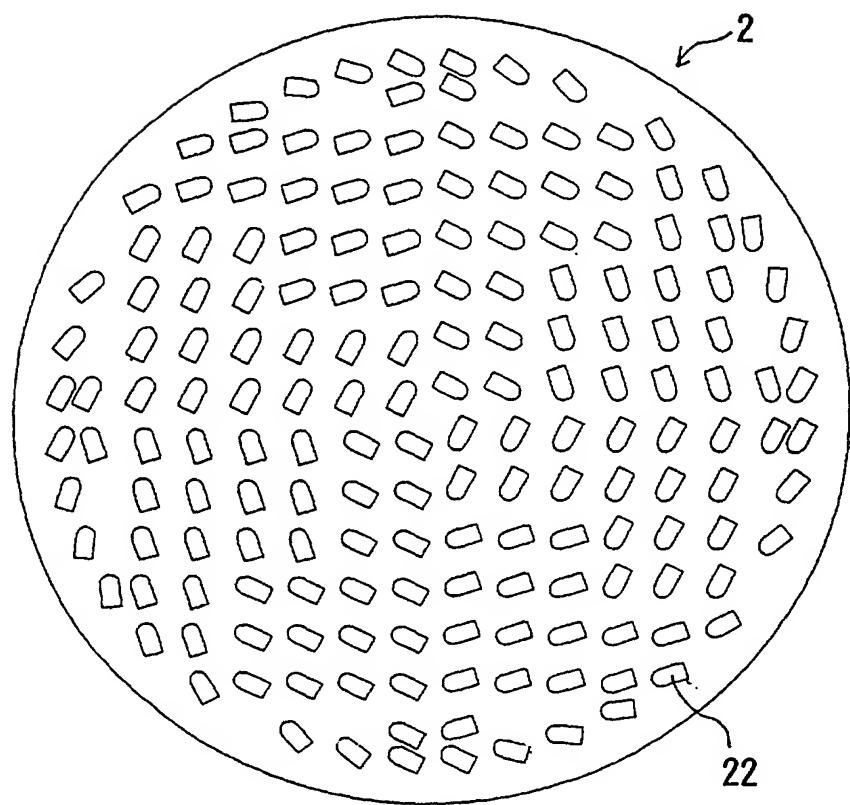
2/11

FIG. 2



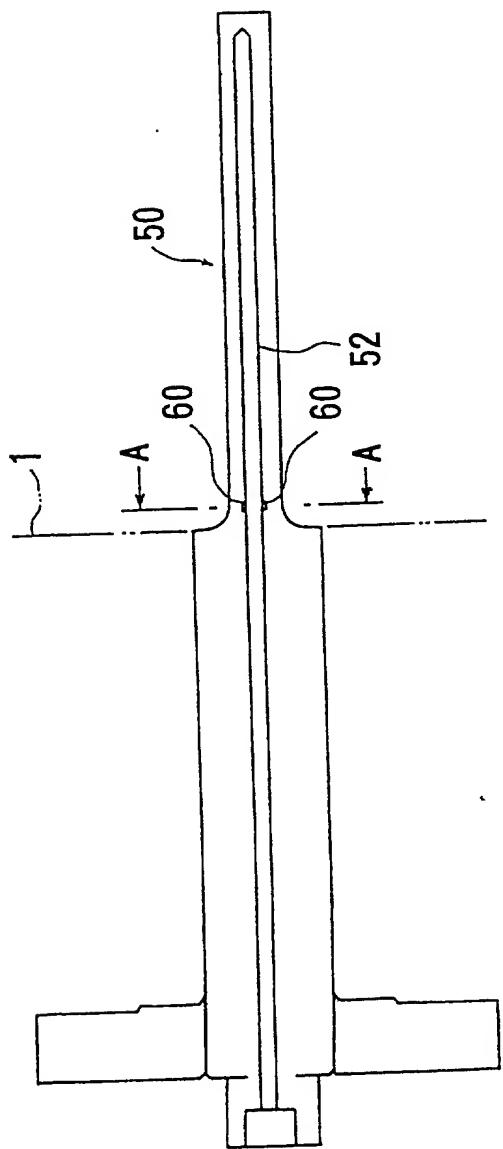
3/11

FIG. 3



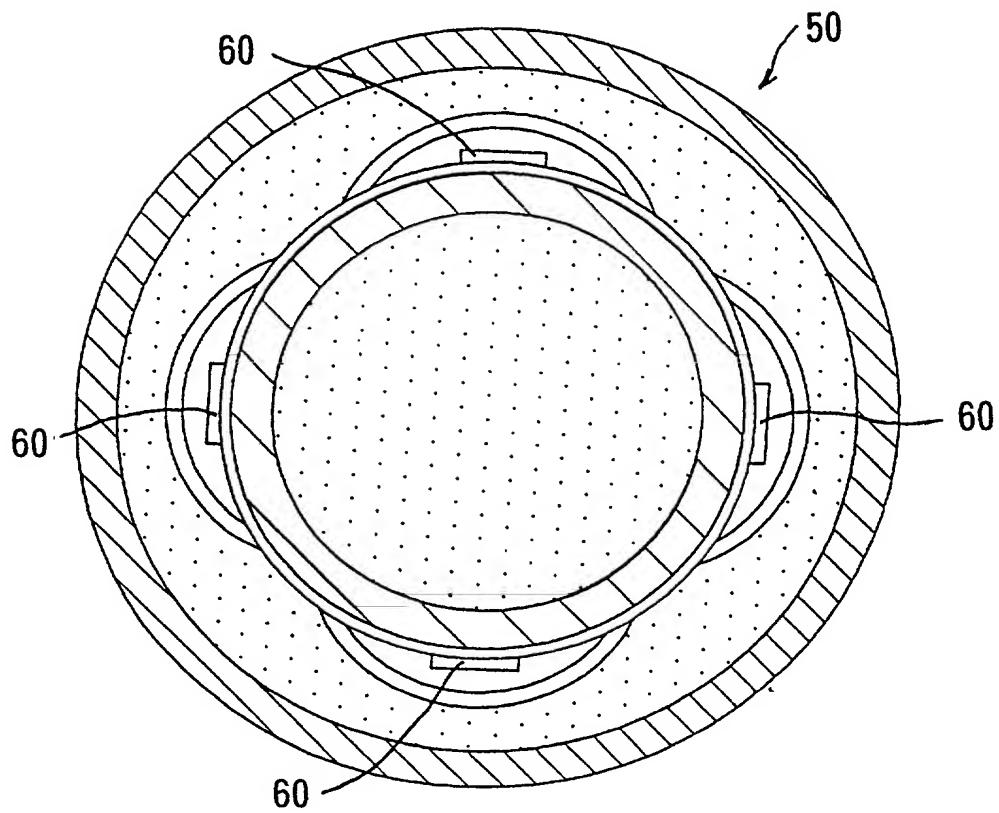
4/11

F / G. 4



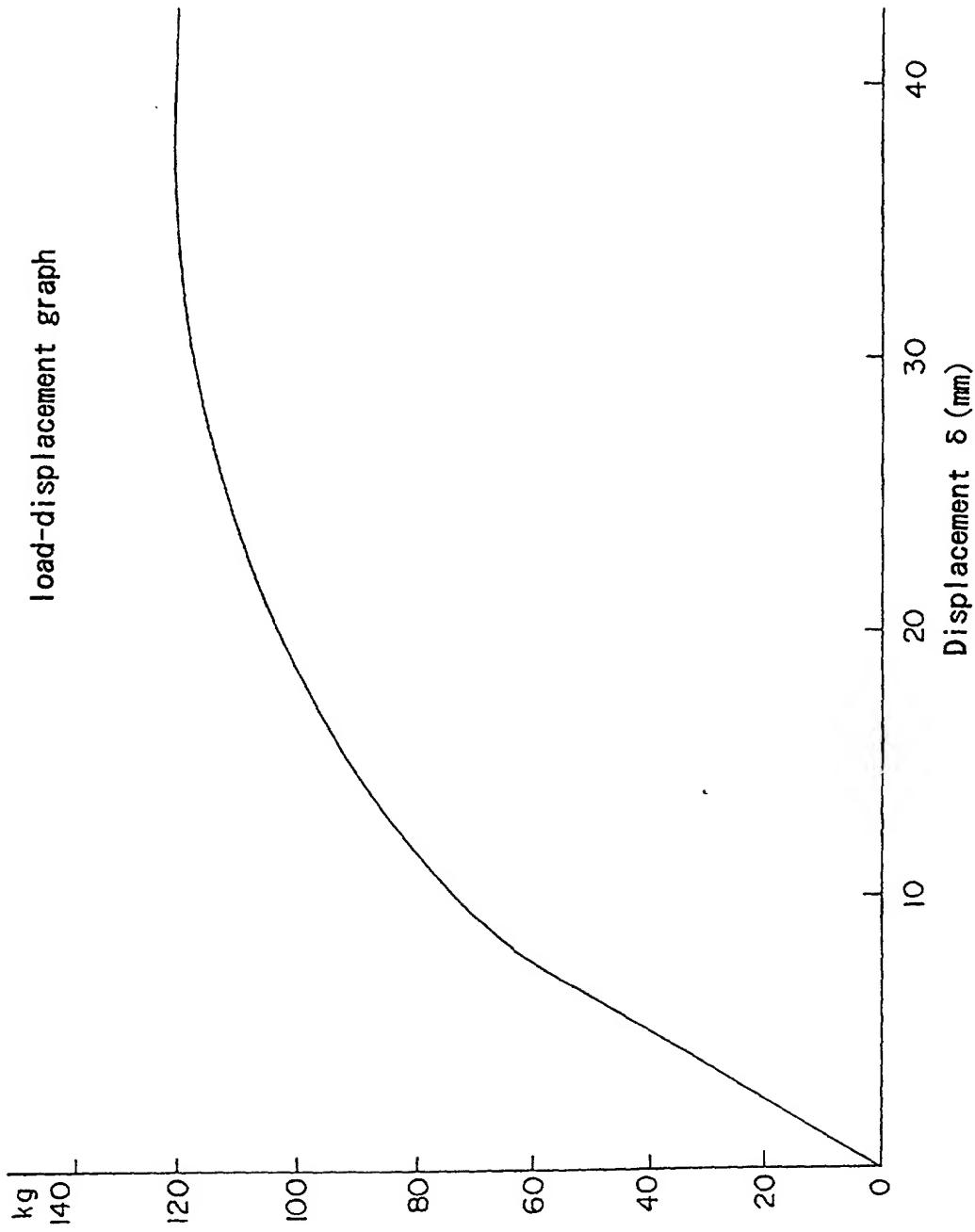
5/11

F / G. 5



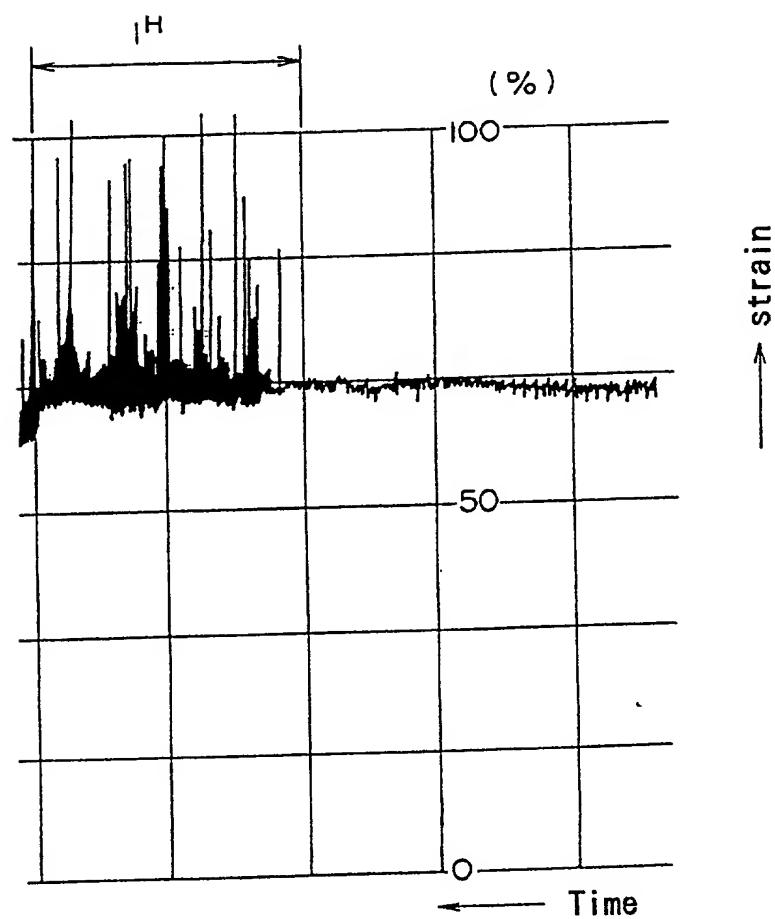
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F / G. 6
load-displacement graph



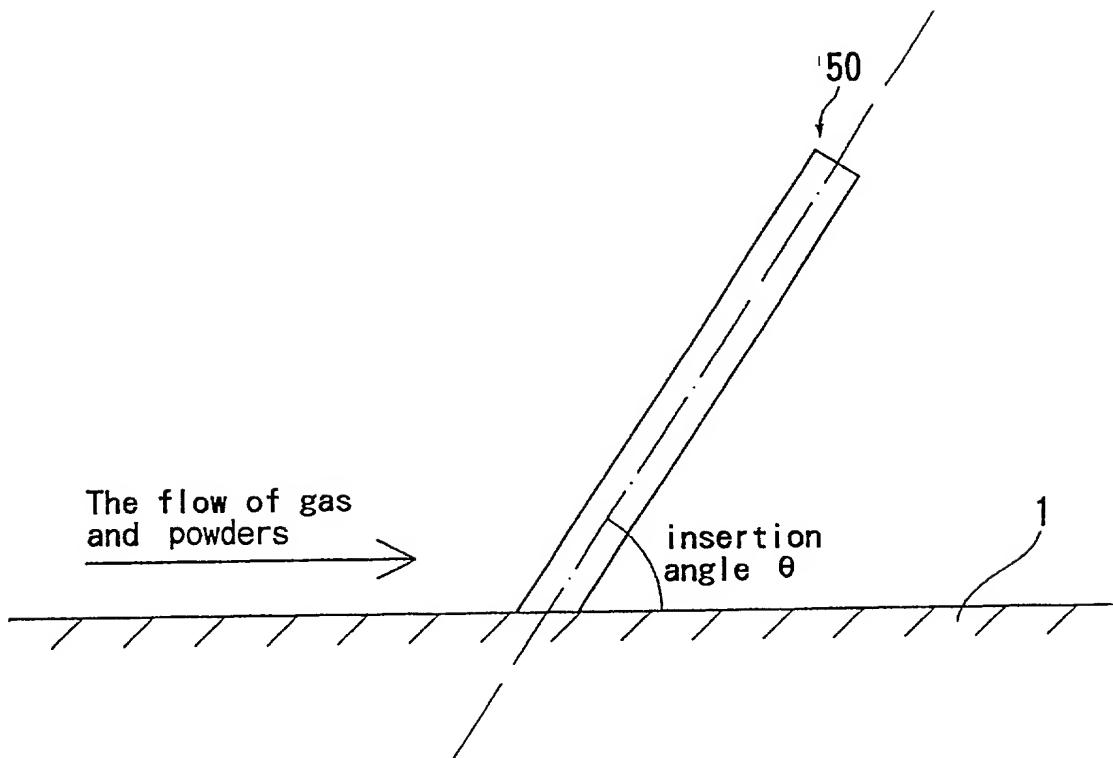
7/11

F / G. 7



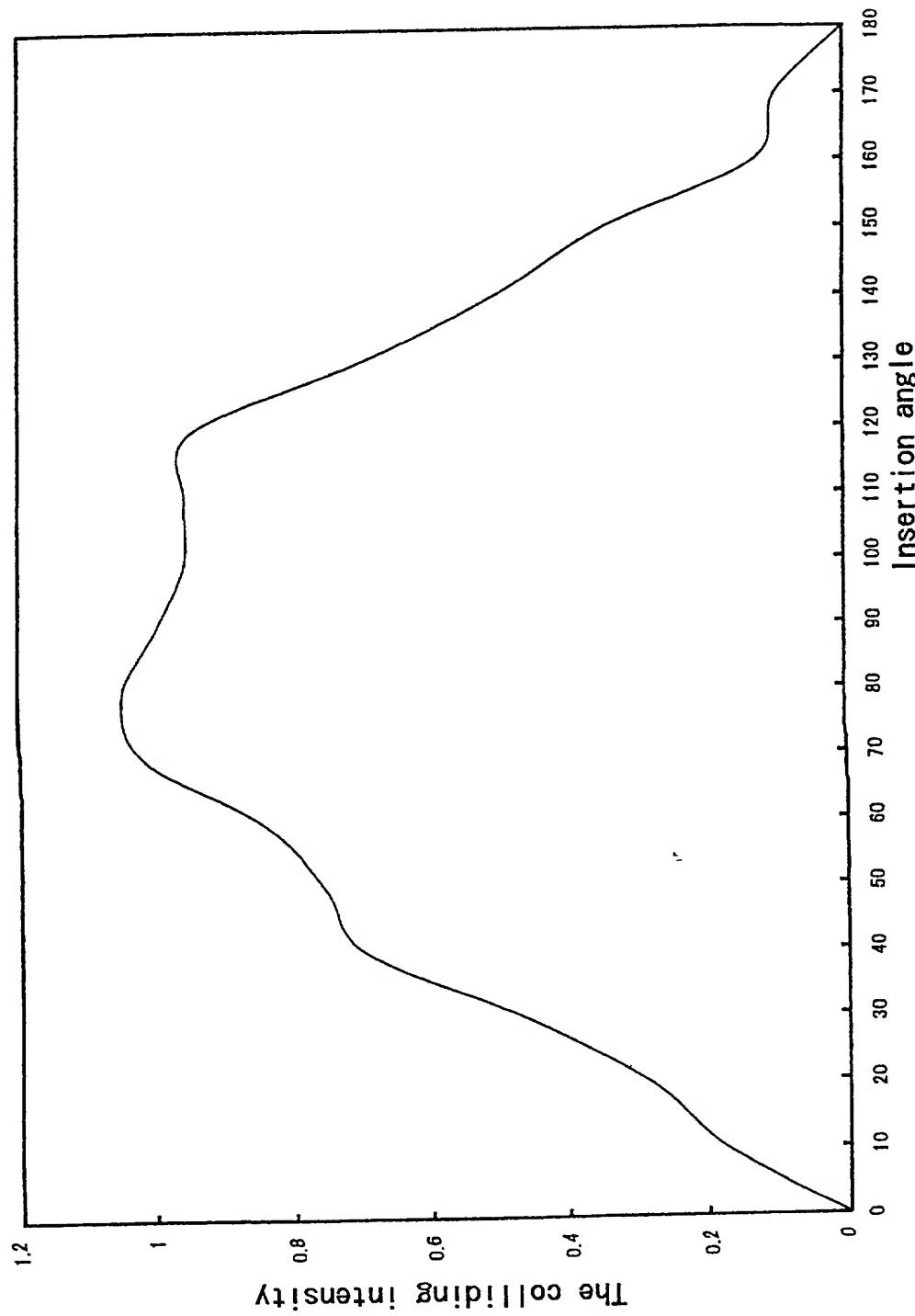
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F / G. 8



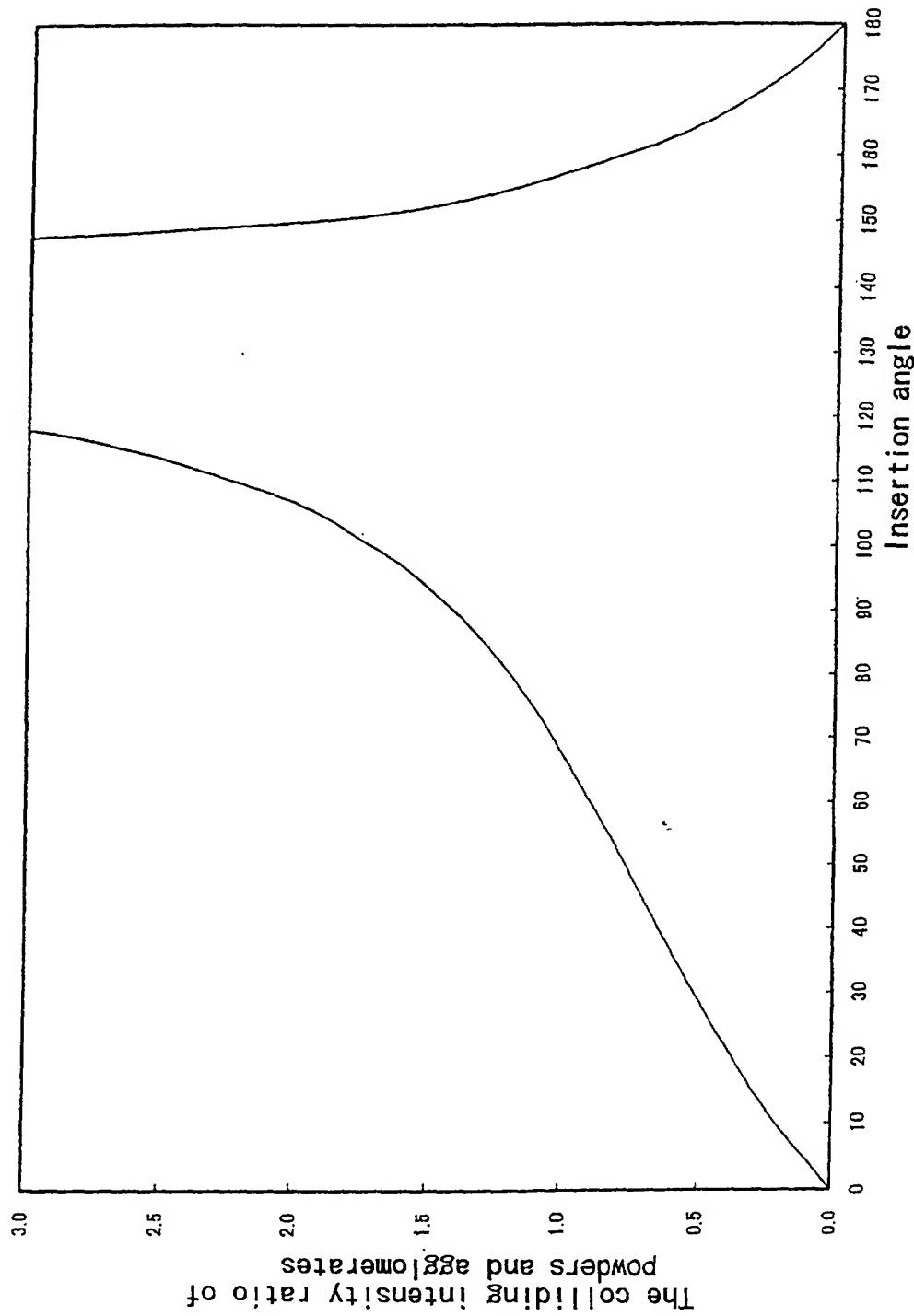
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F / G. 9



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FIG. 10



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FIG. 11

